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The Gazette of India

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सं 49] नई दिल्ली, शनिवार, दिसम्बर 4, 1976 (अग्रहायण 13, 1898)
No. 49] NEW DELHI, SATURDAY, DECEMBER 4, 1976 (AGRAHAYANA 13, 1898)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।

Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 4th December 1976

CORRIGENDUM

I

In the Gazette of India, Part III, Section 2, dated the 25th September 1976, under the heading "Complete specification accepted."

(1)

In page 785, column 1, against No. 140170—

for Class 136E & 174B. I.C.-F16f 17/12, B29d 27/00
C08J 1/16.

read Class 136E & 174B. I.C.-F16f 7/12, B29d 27/00,
C08J 1/16.

(2)

In page 787, column 1, against class 32F.b. I.C.-C09b
47/04,—

insert "140179"

(3)

In page 789, column 1, against No. 140190—

for Class 107B, 120B₅, 163B₅ & 163D. I.C.-01m 1/00.
read Class 107B, 120B₅, 163B₅ & 163D. I.C.-F01m
1/00.

(4)

In page 790, column 2, against No. 140198, in applicant:—
for OF2 11

read OF 211

and

for GEORGIE

read GEORGIA

3

In page 791, column 1, against class 40F. I.C.-B01J 1/14—
insert "140200".

2

In the Gazette of India Part-III, Section-2, dated the 25th September 1976 in page 795, Column 1, under the heading "Renewal Fees Paid".

for No. 90505 read 90595

and

For No. 107131 read 107121

3

In the Gazette of India, Part III Section 2 dated the 25th September, 1976 in page 795 column 2 under the heading "Registration of Designs" in Class I.

For No. 144039 read 144036

4

In the Gazette of India, Part III, Section 2, dated the 2nd October 1976, under the heading "Complete specification accepted".

(1)

In page 800, column 2, against No. 140224, in applicant:—

for VENUE

read AVENUE

(2)

In page 803, column 1, against No. 140237—

for Application No. 150/Mas/73 filed November 2,
1973.

read Application 159/Mas/73 filed November 2, 1973.

(3)

In page 803, column 2, against No. 140238—
 for Class 107G+I.C.-F02b 69/00, 69/2, F02m 13/06.
 read Class 107G+I. I.C.-F02b 69/00, 69/02 F02m
 13/06.

and

In Applicant & Inventor :—

for NPANI *read* NIPANI

(4)

In page 805, column 1, against No. 140245—

for Class 47C+E. I.C.-10b 25/16
 read Class 47C+E. I.C.-C10b 25/16.

(5)

In page 805, column 2, against No. 140249 in Applicant & Inventor :—

for MESSEISTRASSE

read MESSELSTRASSE

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

28th October 1976

1958/Cal/76. Sondhya Chakravorty. An improved domestic portable coke oven.

1959/Cal/76. NTN Toyo Bearing Co. Ltd. and Zenzaburo Tsukumo. Bracket tightening device.

1960/Cal/76. C. Berg. Improvements in a sanitary napkin.

1961/Cal/76. F. L. Smidt & Co. A/S. Improvements in tube mills for drying and grinding. (November 20, 1975).

1962/Cal/76. The Babcock & Wilcox Company. Disperser.

1963/Cal/76. USS Engineers and Consultants, Inc. Process for producing cold rolled sheet steel.

1964/Cal/76. UOP, Inc. Improved process for separating normal paraffins.

1965/Cal/76. Kochler Manufacturing Co. Electromagnetically coupled battery charger.

1966/Cal/76. Coulter Information Systems, Inc. Method of manufacturing an electrophotographic film and film so manufactured. [Divisional date December 6, 1973]. [Addition to No. 1314/Cal/73].

29th October, 1976

1967/Cal/76. Societe de Diffusion et de Recherches Techniques et Financieres S.A. Manufacturing process for self-supporting elements, particularly roofing panels and panels for the constituent part of buildings. (November 12, 1975).

1968/Cal/76. The Director, Jute Technological Research Laboratories. Spinnability of jute in the cotton system.

1969/Cal/76. The Director, Jute Technological Research Laboratories. Isolation and purification of a fungal culture (*Penicillium Corylophilum Dierckx*) and softening of barky jute/root cuttings with the culture industrially with retention of fibre strength.

1970/Cal/76. Nuchem Plastics Limited. A process for the preparation of polycarbonates. [Divisional date December 16, 1974].

1971/Cal/76. Friedrich Uhde GmbH. Centrifugal pressure filter with horizontal filter disks.

1972/Cal/76. Union Carbide Corporation. Process for acid gas removal.

1973/Cal/76. ENSO-Gutzeit Osakeyhtio. Hydrocyclone.

1974/Cal/76. Control Dug, Inc. Method and composition for preventing nutritional deficiency.

30th October 1976

1975/Cal/76. K. R. Datye. Method of strengthening natural soft ground, artificial fills made in the ground or in reclaimed land and the like, for building houses or other structures. [Addition to No. 136178].

1976/Cal/76. Institute PO Metaloznanie I Technologia NA Metalite. Machine for casting under low pressure or under counterpressure.

1977/Cal/76. Lucas Industries Limited. Electrical switch. (November 29, 1975).

1978/Cal/76. Bayer Aktiengesellschaft. Process for dyeing and printing. [Divisional date September 24, 1974].

1979/Cal/76. Prabir Kumar Mukherjee. Electronic thief catcher.

1st November, 1976

1980/Cal/76. G. C. Saini. Improvements in domestic cookers or chulas.

1981/Cal/76. A. Hussain. Vertical wind rotor with wind accumulators.

1982/Cal/76. Indian Jute Industries' Research Association. Softening of root cuttings by a mutant strain of *aspergillus terreus*.

1983/Cal/76. M. Adelberg. Clamp for regulating fluid flow through plastic tubing.

1984/Cal/76. Aktiebolaget Iro. A thread supply device for textile machines.

1985/Cal/76. Imperial Chemical Industries Limited. Process. (November 14, 1975).

1986/Cal/76. Dunlop Limited. Belting. (November 6, 1975).

1987/Cal/76. Lucas Industries Limited. Battery charge detector and charging system including such detector. (November 8, 1975).

1988/Cal/76. Otis Elevator Company. High resolution and wide range shaft position transducer systems.

2nd November, 1976

1989/Cal/76. Scientific-Atlanta, Inc. Combined loop heat pump.

1990/Cal/76. Lankro Chemicals Group Limited. Process for dispersing oil slicks on water. (November 7, 1975).

1991/Cal/76. Kao Soap Co., Ltd. A composition for inhibiting tobacco axillary buds.

1992/Cal/76. Imperial Chemical Industries Limited. Chlorinated polymers. (November 27, 1975).

3rd November, 1976

1993/Cal/76. Westinghouse Electric Corporation. Reverse switching rectifier and method for making same.

1994/Cal/76. Noverox A.G. Agent for transforming rust and for protection against rust.

1995/Cal/76. Birtley Engineering Limited and T. C. Adams. Improvements relating to the manufacture of grading and dewatering screens. (November 4, 1975).

1996/Cal/76. Rhone-Poulenc Industries. Process for the production of phosphoric acid.

1997/Cal/76. Rhone-Poulenc Industries. Washing process.

1998/Cal/76. Rhone-Poulenc Industries. Method for the absorption of fluorine compounds.

1999/Cal/76. G. Parenteau. Panelling assembly for partitions, walls or the like.

APPLICATION FOR PATENTS FILED AT THE
(DELHI BRANCH)

29th October, 1976

17/Del/76. J. C. Kapur. An integrated unit for the collection storage, distribution of solar energy for space heating and other applications.

18/Del/76. J. C. Kapur. A heat operated mechanical device to control the temperature and flow of water entering a hot water storage tank in a solar heating system.

30th October, 1976

19/Del/76. Dr. H. C. S. Visvesvaraya. A non shrinking grout.

20/Del/76. Dr. H. C. S. Visvesvaraya. A non shrinking cement mortar.

APPLICATION FOR PATENTS FILED AT THE
(BOMBAY BRANCH)

18th October, 1976

366/Bom/76. M. L. Rathi. Improved flexible coupling.

367/Bom/76. R. Y. Kulshrestha. An electronic mosquito and moth repeller.

368/Bom/76. Kirloskar Oil Engines Limited. Improvements in crankcase of an internal combustion engine.

19th October, 1976

369/Bom/76. Hindustan Lever Limited. Moisture resistant packaging.

20th October, 1976

370/Bom/76. P. R. Mallory & Co. Inc. Pressure release device.

21st October, 1976

371/Bom/76. B. S. Manke. Improvements in or relating to circuits for head lamps and the like in vehicles.

372/Bom/76. Hoechst Pharmaceuticals Limited. Polyoxygenated labdane derivatives and a process for the preparation thereof.

APPLICATION FOR PATENTS FILED AT THE
(MADRAS BRANCH)

26th October, 1976

206/Mas/76. D. R. Devasenadhipathy and D. R. Vishwesvaran. Electric bicycle.

27th October, 1976

207/Mas/76. C. P. Muhammad. A device for harnessing animal power.

29th October, 1976

208/Mas/76. T. K. Joy. Air regulator (automatic).

209/Mas/76. M. M. Moosa. Nipple less feeding bottle cap in plastic.

210/Mas/76. M. P. Mohammed. Multi layer suit case, brief case, attache or travellers bag.

COMPLETE SPECIMENS ACCEPTED

Notice is hereby given that any person interested in the opposing the grant of patents on any of the applications concerned, may at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months give notice to the Controller of Patents at the

appropriate office as indicated in respect of each such application, on the prescribed form 15 of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 35 of the Patents Rules, 1972.

"The classifications given below in respect of each specification are according to Indian Classification and International Classification respectively".

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta in due course. The price of each specification is Rs. 2/- (Postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 40B. I.C.-B01J 11/00.

140570.

METHOD OF PREPARING CATALYST FOR CONVERSION OF HYDROCARBONS.

Applicant & Inventor : EVGENY VASILIEVICH KAZAKOV, OF TOVARISCHESKY PEREULOK, 17, KV 47, MOSCOW, USSR; (2) IGOR FEDOROVICH BALITSKY OF ULITSA PARKOVAYA, 4, KV. 104, NOVOMOSKOVSK TUILSKOI OBLASTI, USSR; (3) VIKTOR STANISLAVOVICH SOBOLEVSKY, OF ULITSA MOSKOVSKAYA, 2/14, KV. 5, NOVOMOSKOVSK TULSKOI OBLASTI, USSR; (4) VLADIMIR PETROVICH SEMENOV, OF VADKOVSKY PEREULOK, 4/6, KV. 69, MOSCOW, USSR; (5) GALINA NIKIFOROVNA KASHIRINA, OF ULITSA KOMSOMOLSKAYA 7, KV. 88, NOVOMOSKOVSK TULSKOI OBLASTI, USSR, (6) NATALYA ALEXANDROVNA KRUGLIKOVNA OF ULITSA CHAPAEVA, 12-A, KV-56, NOVOMOSKOVSK TULSKOI OBLASTI, USSR; (7) VIKTOR IVANOVICH YAGODKIN, OF ULITSA KALININA, 32, KV. 15, NOVOMOSKOVSK TULSKOI OBLASTI, USSR, (8) MIKHAIL AKRADIEVICH SHPOLYANSKY, OF BOLSHAYA GRUZINSKAYA ULITSA, 14, MOSCOW, USSR; (9) IVAN EMANUILOVICH GERGERT, OF MOSKOVSKOI OBLASTI, PROSPEKT LENINA, 76/2, KV. 44, PODOLSKY, USSR; (10) SERGEI IVANOVICH Ruzinsky, OF TULSKOI OBLASTI, POSELOK 25 LET KHMIMKOMBINATA, ULITSA AZOTCHIKOV, 4, KV. 1, NOVOMOSKOVSK, USSR; AND IGOR DMITRIEVICH GORBACHEVICH, OF MOSKOVSKOI OBLASTI, POSELOK SYROVO, ULITSA DACHNAYA, 17, KV. 1, PODOLSK, USSR.

Application No. 869/Cal/74 filed April 17, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims. No drawings

A method of preparing the catalyst for conversion of hydrocarbons containing oxides of nickel, aluminium, magnesium, calcium and of barium, and having the following composition (in per cent by weight) :

NiO	25
Al ₂ O ₃	50
MgO	14
CAO	10
BaO	1

consisting in that 21.5 parts by weight of basic nickel carbonate, 25 parts by weight of aluminium oxide or 38 parts by weight of aluminium hydroxide, and 15 parts by weight of magnesium oxide, pre-calcedined at a temperature of 1300±50°C, are mixed with an aqueous solution of 56 parts by weight of nickel nitrate and an aqueous solution of one part by weight of barium oxide; the prepared mixture is dried, and calcined at a temperature of 380°C; to the obtained mixture of the oxides are added a binding agent (40

parts by weight of calcium aluminate), a lubricating agent (potassium stearate) and a wetting agent (water or aqueous solutions of sulphonesalicylic acid or of triethanolamine); the prepared mixture is compacted, granulated and tabletted; the tablets are dried, hardened hydraulically, and finally dried and calcined at a temperature of 380°.

CLASS 141A, I.C.-C22b 1/24, B01J 2/14, C21B 1/08, 140571.

PELLETIZING DISK.

Applicant : METALLIGESELLSCHAFT A.G., OF 16 FRANKFURT A. M., REUTERWEG 14, WEST GERMANY.

Inventors : ROLF DIETER BURG AND EWALD LAUTER.

Application No. 1383/Cal/74 filed June 21, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A pelletizing disk in which the rotating disk has an adjustable inclination comprising a floor frame, a carrying structure secured to the floor frame, a rotary disk which is rotatably secured to carrying structure and provided with drive means, and a device for adjusting the inclination of the carrying structure about a pivotal axis which is disposed closely below the discharge edge of the rotary disk characterized in that the floor frame is tiltably mounted in bearings on that side on which the discharge edge of the rotary disk is disposed, the floor frame is provided with any known lifting, lowering and locking means such as herein described on the opposite side, the carrying structure is secured at its lower end to the floor frame before the bearings and is connected by an inclined strut to the rear portion of the floor frame, the rotary disk is mounted on the carrying structure, and the lower end of the carrying structure is secured to the floor frame at a point which is spaced such as distance from the bearings of the floor frame that the pivotal axis of the floor frame is disposed as closely as possible to the discharge edge of the rotary disk.

CLASS 67C & 154E, I.C.-G06K 15/00. 140572.

CHAIN PRINTER UTILIZING A PLURALITY OF TEETH FOR ENGAGING DRIVING MEANS AND APPARATUS FOR GENERATING A UNIQUE BINARY CODE.

Applicant : BURROUGHS CORPORATION, AT BURROUGHS PLACE, DETROIT, MICHIGAN 48232, UNITED STATES OF AMERICA.

Inventors : DUANE ENGLISH BOVETT AND ROBERT EUGENE BOHN.

Application No. 1558/Cal/74 filed July 11, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

In a chain printer wherein the type carrier has a font set thereon and utilizes a plurality of teeth for engaging driving means, apparatus for generating a unique binary code identifying the font set on the carrier comprising :

a plurality of said teeth being flattened;

means for sensing the flattened teeth when said type carrier is being driven; and

means responsive to said sensing means for generating a binary code representative of the sensed flattened teeth.

CLASS 206E, I.C.-H01L 1/00. 140573.

HIGH-RELIABILITY PLASTIC-PACKAGED SEMICONDUCTOR DEVICE.

Applicant : RCA CORPORATION, OF 30 ROCKEFELLER PLAZA, NEW YORK, NEW YORK, 10020, UNITED STATES OF AMERICA.

Inventor : HESHMAT KHAJEZADEH.

Application No. 1798/Cal/74 filed August 12, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A plastic-packaged semiconductor device (10) of the type which includes a chip mounting pad (22) and leads (26) a silicon chip (24) attached to said mounting pad (22), wires (28) connected between said chip (24) and said leads (26), and a body (11) of polymeric material encapsulating said chip (24) said mounting pad (22), said wires (28) and parts of said leads (26), wherein said chip (24) comprises a body (29) of silicon having a surface (36) and having PN junction-defining regions therein, a passivating coating on said surface (36) consisting of a layer (38) of silicon dioxide on said surface and a layer (40) of silicon nitride on said silicon dioxide layer (38), said layers (38, 40) having openings (42) therein adjacent to said regions, conductor means (30) on said passivating coating (38, 40) with portions thereof extending into said openings (42) to contact said regions, said conductor means (30) comprising a first layer (44) of titanium, a second layer (46) of platinum or palladium, and a third layer (48) of gold, said conductor means (30) terminating in a plurality of bonding pads (32) adjacent to the periphery of said chip (24), characterized in that said conductor means (30) have a protective coating (34) of pyrolytically deposited silicon dioxide having a thickness of at least 10,000 Å.

CLASS 206 E, I.C.-H01L 7/00. 140574.

METHOD OF MAKING A SEMICONDUCTOR DEVICE.

Applicant : RCA CORPORATION OF 30 ROCKEFELLER PLAZA, NEW YORK, NEW YORK, 10020 UNITED STATES OF AMERICA.

Inventors : EDWARD CURTIS DOUGLAS AND CHUNG PAO WU.

Application No. 1997/Cal/74 filed September 5, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A method of making a semiconductor device wherein dopant atoms are ion implanted into a semiconductor material (10) through a portion of a surface (14) thereof, characterized by comprising the steps of : depositing a layer (32) of a capping material, impenetrable to said dopant atoms by thermal diffusion, on said portion of said surface (14) after said dopant atoms are ion implanted, and annealing said device, whereby out diffusion and evaporation of said dopant atoms through said portion of said surface (14) are prevented.

CLASS 67C, I.C.-G06f 9/00. 140575.

PROGRAMME CONTROLLED DATA SWITCHING SYSTEMS.

Applicant : SIEMENS AKTIENGESELLSCHAFT, OF BERLIN AND MUNICH, FEDERAL REPUBLIC OF GERMANY.

Inventors : DR. ANTON KAMMEL AND BERNHARD SCHAFFER.

Application No. 2088/Cal/74 filed September 19, 1974.

Convention date July 26, 1974 (33092/74) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

A programme-controlled data switching system including a line termination unit having connection circuits each of which, for identification of the line connected thereto, is assigned a specific number, wherein each connection circuit includes a storage device, into which an item of information occurring on the respective line can be transferred, and an element for producing a request criterion upon such transfer of an item of information, wherein the transfer of items of information occurring on the lines into the storage devices is controlled in groups by means of a central interrogation pulse train, wherein in each case following the processing of an intermediately stored group of requests the items of information which have occurred meanwhile on

the lines are transferred under the control of the central interrogation pulse train into the storage device as a new group of requests, wherein for identification of each connection circuit which produces a request criterion decentral identification devices are provided which are arranged in stages each corresponding to a position or digit of the code used to characterise the connection circuits in accordance with the coordinate principle, the identification devices being connected to one another via request and resetting lines, and wherein for the coding and intermediate storage of the identification result in respect of each stage of identification devices coding elements and registers are provided.

CLASS 186E. I.C.-H09N 5/04, H04N 9/44. 140576.

DIGITAL SYNCHRONIZATION SYSTEM.

Applicant : RCA CORPORATION, ONE 30 ROCKEFELLER PLAZA, NEW YORK, NEW YORK, 10020, UNITED STATES OF AMERICA.

Inventor : ALVIN REUBEN BALABAN.

Application No. 2130/Cal/74 filed September 24, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A digital synchronizing system comprising a first source of synchronizing pulses; a second source of synchronizing pulses which is subject to degradation; resettable counting means coupled to said first source of synchronizing pulses for counting pulses generated in said first source of synchronizing pulses and for generating a first reset pulse upon the counting of a constant number of pulses from said first source of synchronizing pulses; converting means coupled to said first source of synchronizing pulses and to said second source of synchronizing pulses for sampling the voltage level of pulses generated by said second source of synchronizing pulses at a rate determined by the rate of said first source of synchronizing pulses and for storing information representative of said sampled voltage level; gating means coupled to said converting means for monitoring said stored information in said converting means and for generating a second reset pulse when said stored information corresponds to a pulse having time duration characteristics substantially equal to the time duration characteristics of pulse components from said second source of synchronizing pulses; resetting means coupled to said gating means and to said resettable counting means for resetting said resettable counting means upon the incidence of either one or both of said first and second reset pulses; and a load circuit coupled to said resettable counting means, the operation of which is synchronized by the occurrence of a pulse generated in said resettable counting means.

CLASS 32C & 60X.b. I.C.-A611 23/00. 140577.

A PROCESS FOR PREPARING A PREPARATION FOR THE TREATMENT OF ICHTHYOSIS.

Applicant : THE DIRECTOR, ALL INDIA INSTITUTE OF MEDICAL SCIENCES, OF ANSARI NAGAR, NEW DELHI-110016, INDIA.

Inventor : DR. JAGIT SINGH PASRICHA.

Application No. 2258/Cal/74 filed October 8, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims. No drawings.

A process for preparing a preparation for the treatment of ichthyosis which consists in preparing a first mixture by dissolving 2 to 10 gms. by weight of salicylic acid in 25 ml. by volume of absolute alcohol, preparing a second mixture by adding 8 to 30 gms. by weight of urea in 100 ml. by volume of propylene glycol and subjecting the same to agitation, and thereafter adding the first mixture to said second mixture.

CLASS 11D. I.C.-A01M 1/04. 140578.

FEEDING INSECTS TO ANIMALS.

Applicant & Inventor : GREGOR NICHOLAS NEEF, OF 85 MYRTLE AVENUE, DOBBS FERRY, NEW YORK, UNITED STATES OF AMERICA.

Application No. 603/Cal/75 filed April 7, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

A device for feeding aquatic animals in a body of water, said device comprising, in combination, attraction means utilizing radiant energy for attracting insects towards said body of water, support means for supporting said attraction means adjacent the surface of said body of water, and retention means for preventing said insects from escaping from the vicinity of said surface of said body of water.

CLASS 151C & 155C, I.C.-F161 11/00, B32b 25/02 140579.

COMPOSITE SHEET MATERIAL.

Applicant : THE GOODYEAR TIRE & RUBBER COMPANY, AT 1144, EAST MARKET STREET, AKRON, OHIO, UNITED STATES OF AMERICA.

Inventor : JOHN ALEXANDER ROSS, NEIL LAWRENCE ALCOCK, SURESH PRASAD SINGH AND STEPHEN WELLS.

Application No. 2423/Cal/73 filed November 2, 1973.

Convention date November 6, 1972/(51099/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims.

Composite sheet material comprising spaced parallel cords of continuous filament yarn embedded in a matrix of curable elastomer or filmic thermoplastic material, the matrix (unless uniformly thick) having a maximum thickness over the cords 4-20 thou, greater than the cord thickness, the spacing between the cords being 1/4—4 times the cord width.

CLASS 39 L & 40F. I.C.-C01f 11/08. 140580.

A METHOD OF TREATING INDUSTRIAL WASTE FOR THE RECOVERY OF CHEMICAL SUBSTANCES THEREFROM, SUCH AS, THE COMPOUNDS OF SODIUM AND POTASSIUM. T

Applicant : CHIRANJILALI HARIKRISHNA OF 'GANGA', 90, MOWBRAYS ROAD, MADRAS-18, TAMIL NADU, INDIA, AND (2) MANNARGUDI RANGASWAMY NARAYANASWAMY, OF 21, REDDI RAO TANK EAST, KUMBAKONAM, TAMIL NADU, INDIA.

Inventor : MANNARGUDI RANGASWAMY NARAYANASWAMY.

Application No. 135/Mas/73 filed October 1, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Madras Branch.

5 Claims. No drawings.

A method of treating industrial waste consisting of an alkali sulphate solution of the type hereinbefore defined comprising the steps of treating the waste with strontium oxide or strontium hydroxide to cause the precipitation of strontium sulphate; separating the strontium sulphate precipitate from its supernatant liquid and covering the said strontium sulphate precipitate, by any known means, into strontium oxide or strontium hydroxide for treating a fresh batch of the said waste.

CLASS 155A & B. I.C.-D06M 15/00. 140581.

A MACHINE FOR CARRYING OUT INTERFACIAL POLYMERIZATION OF SYNTHETICS ON THE SURFACE OF SPINDLE TAPES.

Applicant : THE SOUTH INDIA TEXTILE RESEARCH ASSOCIATION, COIMBATORE AERODROME P.O., COIMBATORE-641014, TAMIL NADU, INDIA.

Inventor : KASTHURISWAMY SREENIVASAN, SRINIVASALU NAIDU, GOVINDARAJAN AND AYIKUDY RAMASUBRAMANIA TYER KALYANARAMAN.

Application No. 20/Mas/74 filed February 11, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

6 Claims.

A machine for carrying out interfacial polymerization of synthetics on the surface of spindle tape which comprises a tank with chemical solution in which untreated tape is fed,

and a drying chamber in which the tape treated with the chemical solution is dried characterised in that the tank has suspended guide bars which keep the tape inside the solution and guide the tape, the guide bars are provided with a lifting mechanism to lift the guide bars above the solution for easy threading of tapes and the drying chamber is provided with an automatic temperature control comprising a thermostat sensing element for continuously drying the treated tapes, thereby obtaining completely dried tapes continuously.

CLASS 32B, 40F & 56E+G, I.C.-C10g E/00. 140582.

A PROCESS FOR MAKING A WAXY CRUDE OIL.

Applicant : MARATHON OIL COMPANY, OF 539, SOUTH MAIN STREET, FINDLAY, OHIO 45840, UNITED STATES OF AMERICA.

Inventor : LAVAUN S. MERRILL, JR.

Application No. 1742/Cal/73 filed July 26, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

34 Claims.

A process for making a waxy crude oil containing 1 to 80% of wax as a slurry for transportation, the process comprising :

(1) fractionating the waxy crude oil into at least a low pour point fraction and a high pour point fraction such as herein defined,

(2) introducing at least a portion of the high pour point fraction at a temperature above its congealation temperature into the bottom of a tower having a continuous stream of water flowing countercurrent to the introduction of the high pour point fraction and wherein the water enters the top portion of the tower at a temperature of 5°F. below the congealation temperature of the high pour point fraction,

(3) imparting sufficient turbulence to the high pour point fraction to cause it to be dispersed into the water phase within the tower and permitting the dispersed particles of the fraction to stay in contact with the water for sufficient time to congeal the fraction,

(4) permitting the resulting congealed particles to move upwardly through the tower and pass through an interface in the tower, the interface being the juncture between the low pour point fraction being introduced into the top of the tower and the water within the tower,

(5) withdrawing at least a portion of the resulting slurry of the congealed particles in the low pour point fraction at the interface to obtain said slurry.

CLASS 104C, I.C.-C08C 1/06, 7/10, 9/00. 140583.

DISPERSABLE NATURAL RUBBER.

Applicant : THE RUBBER RESEARCH INSTITUTE OF MALAYA, OF 260 JALAN AMPANG, KUALA LUMPUR, MALAYSIA.

Inventor : CHIN PENG SUNG.

Application No. 1882/Cal/73 filed August 14, 1973.

Convention date August 17, 1972/(38511/72) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims. No drawings.

A method of making a solid or paste of natural rubber which is dispersable in water, which method comprises adding to a natural rubber latex a redispersing agent combination which includes at least one compound selected from each of at least two of the groups :

(a) Glycosides and urea,

(b) polyhydric alcohols,

(c) mono-and di-saccharides, and

(d) alkali metal and ammonium salts of organic acids having a C7 to C30 aliphatic carbon chain, and removing water from the latex.

CLASS 32E, I.C.-C08f 7/04, 7/08.

140584.

PREPARATION OF RIGID POROUS POLYMERIC MATERIALS OF UNCHARGED AND CHARGED TYPES FOR USE AS SORBENTS AND EXCHANGERS.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Inventors : SRINIVASA RANGANA THAN, KOTTEYIL PAZHANIANDY GOVINDAN AND NAGARAJARAO KRISHNASWAMY.

Application No. 1897/Cal/73 filed August 17, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims. No drawings

A process for the preparation of crosslinked, rigid non-gel, porous polymeric materials of uncharged and charged types having high porosity and surface area in bead or granular form by suspension or bulk polymerization techniques using vinyl monomers like vinylbenzenes in presence of non-solvating or solvating additives to the monomers, with or without the conventional chemical treatment of sulphonation or chloromethylation and amination for use as sorbents in separation and isolation of large organic molecules or as ion exchangers and separation barriers.

CLASS 129A, I.C.-B21d 7/00, 11/00. 140585.

IMPROVEMENTS IN OR RELATING TO BENDING MACHINE.

Applicant & Inventor : ALEXANDER JOSE D'SOUZA, 39, PODAR CHAMBERS, PARSI BAZAR STREET, FORT, BOMBAY-1, STATE OF MAHARASHTRA, INDIA.

Application No. 211/Bom/73 filed June 21, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

7 Claims.

A machine for bending as well as forming metallic and non-metallic bars, plates and the like, the machine comprising of a rigid machine base, the top surface of which forms the base plate in which there is embedded a machine boss; a bending ring that can revolve smoothly along the head of the boss, to which is attached, rigidly, a lever; a top plate fixed rigidly to the machine boss by means of a radius pin passing through the top plate, and the bearing ring and anchored in the threads of the boss; a tool nose holder attached rigidly to the lever of the bearing ring and projecting over the top plate; a detachable tooling nose attached to the nose holder a locking pin inserted in one of the plurality of holes in the top surface of the top plate to hold rigidly the bar or plate to be bent between the tooling nose the radius pin and the locking pin; and the angle gauge placed in one of the positions marked on the base plate which denotes a given angle so that the lever of the bearing ring when turned to this position of the angle gauge bends the bar or plate to the required angle.

CLASS 50D+F. & +98D, F. I.C.-F28d 3/00 15/00. 140586.

IMPROVEMENTS IN OR RELATING TO HEATING COOLING CHAMBERS.

Applicant & Inventor : PRABHAKAR WAMAN KARANDIKAR AND PURSHOTAM PRABHAKAR KARANDIKAR, OF 1823, SADASHIVPETH, POONA 30, STATE OF MAHARASHTRA, INDIA.

Application No. 301/Bom/73 filed September 6, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

12 Claims.

A heating or cooling chamber characterised in that it comprises of an enclosed working space; an auto convection device comprising of a plurality of heating/cooling units varying according to the height

of the working space and the uniformity of temperature required within the enclosed working space; each unit consisting of at least two pipes welded or brazed to two drums a heating or a cooling element being housed in the said drums; each unit being connected to a liquid source independently thermostatic means connected to the said heating or cooling elements separately, whereby the convection current cycle in the liquid in each of the units is maintained at a progressively decreasing temperature according to the height of the enclosed working space to eliminate the temperature gradient formed within the enclosed working space and to maintain a uniform temperature accurately therein.

CLASS 32A. I.C.-C09b 57/00. 140587.

PROCESS FOR THE PRODUCTION OF BIS-IMINO-DYE STUFFS.

Applicant : SANDOZ LTD., OF LICHTSTRASSE 35, BASLE, SWITZERLAND.

Inventors : PETER BITTERLI AND FRITZ KEHRER.

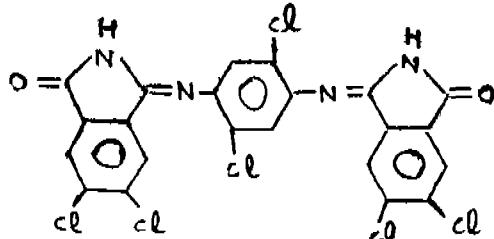
Application No. 2719/Cal/73 filed December 13, 1973.

Convention date December 13, 1972/(57418/72) U.K.

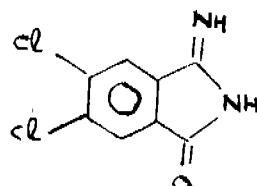
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A process for the production of the compound of formula I.



characterised by condensation of the compound of formula II.



with 2, 5-dichloro-para-phenylene diamine or a neutral salt thereof.

CLASS 88B. I.C.-C10K 3/02. 140588.

A PROCESS FOR THE PREPARATION OF A HYDROGEN-RICH GAS.

Applicant : SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., OF CAREL VAN BYLANDT-LAAN 30, THE HAGUE, THE NETHERLANDS.

Inventor : JOHN RAMSBOTHAM.

Application No. 288/Cal/74 filed February 12, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims. No drawings

A process for the preparation of a hydrogen-rich gas by converting a carbon monoxide-containing gas with steam, characterized in that the conversion is carried out in the presence of a sulphidic catalyst which comprises nickel and/or cobalt, and molybdenum and 0.1-1.0 parts by weight of aluminium per part by weight of nickel and/or cobalt on

alumina as carrier, which catalyst is prepared by impregnating the carrier with one or more solutions of compounds of nickel and/or cobalt and of molybdenum and aluminium, in which at least 40% by weight of the aluminium is supported on the carrier by co-impregnation with the nickel and/or cobalt.

CLASS 99D & 184. I.C.-B65d 87/90. 140589.

FLOATING ROOF FOR LIQUID STORAGE TANKS

Applicant : AEROJET-GENERAL CORPORATION, AT 9100 EAST FLAIR DRIVE EL MONTE, CALIFORNIA 91734, UNITED STATES OF AMERICA.

Inventors : ROBERT WILLIAM BODLEY AND REIGN CARLTON ULM.

Application No. 551/Cal/74 filed March 14, 1974.

Convention date October 10, 1973/(183.021/73) CANADA.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta,

12 Claims

A floating roof for a liquid storage tank comprising a single-deck lid of a plurality of fluid-tight interconnected rectangular steel plates and means for imparting buoyancy to the lid including a plurality of elongate buoys of low silhouette on the upper surface of the lid, each buoy having as its base one of the plates and having longitudinal sides inclined toward each other such that the buoy is of increasingly smaller horizontal section from its base to its top.

CLASS 32F,d & 60X,C. I.C.-C07d 29/34. 140590.

PROCESS FOR PREPARING SULFAMYLUREA COMPOUNDS.

Applicant : PFIZER INC., OF 235, EAST 42ND STREET, NEW YORK, STATE OF NEW YORK, UNITED STATES OF AMERICA.

Inventors : GEORGE RONALD EVANEGA, DONALD ERNEST KUHLA AND REINHARD SARGES.

Application No. 2617/Cal/73 filed November 28, 1973.

Convention date January 29, 1973/(4464/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

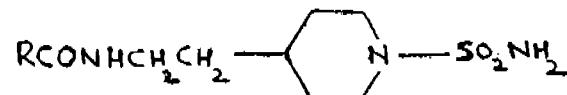
6 Claims.

A process for preparing a sulfamylurea compound selected from the group consisting of 1-piperidinesulfonyl-ureas of the formula I.



and the base salts thereof with pharmaceutically acceptable cations, wherein R is 2-methoxy-3-pyridyl, 2-ethoxy-3-pyridyl, 4-chloro-2-pyridyl or 8-quinolinyl, and R' is bicyclo [2.2.1] hept-5-en-2-yl-endo-methyl, bicyclo [2.2.1] hept-2-yl-endo-methyl, 7-oxabicyclo [2.2.1] hept-2-yl-methyl, 1-adamantyl or cycloalkyl having from five to eight carbon atoms, which comprises

reacting a substituted sulfamide compound of the formula II,



of the drawings with a compound of formula R'NCO, wherein R and R' are as defined above, and, if desired, preparing base salts of the 1-piperidinesulfonyl urea by known method.

CLASS 32A, I.C.-C09b 27/00.

140591

PROCESS FOR PREPARING AZO COMPOUNDS.

Applicant: WILLIAMS (HOUNSLOW) LIMITED, OF GREVILLE HOUSE, HIBERNIA ROAD, HOUNSLOW, MIDDLESEX, ENGLAND.*Inventors*: MICHAEL EDWARD MORTIMER, GREGORY JOHN THORNE AND DAVID LESLIE HURSELL.

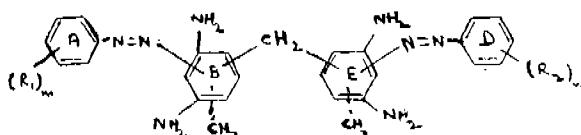
Application No. 918/Cal/74 filed April 23, 1974.

Convention date April 25, 1973/(19622/73) U.K.

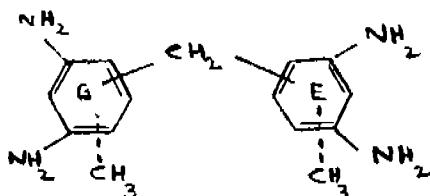
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

25 Claims

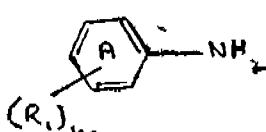
A process for preparing an azo compound of the formula (I).



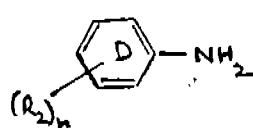
wherein R_1 and R_2 are independently a chlorine or bromine atom, or an alkyl, nitro, or arylazo group, m and n are independently 0, 1, 2 or 3 and when either or both of m and n is (or are) greater than 1, then each R_1 and each R_2 may be the same or different, and wherein the chain-dotted lines indicate that the methyl groups in the benzene nuclei B and E are each independently optionally present, which process includes coupling a compound of the formula (iv).



with a diazo compound derived from an amine of the formula (VI).



wherein R_1 and m are as defined above and/or a diazo compound derived from an amine of the formula (VI).



wherein R_2 and n are as defined above.

CLASS 130-I. I.C.-C22b 19/22. 140592.

PROCESS FOR THE TREATMENT OF ZINCIFEROUS MATERIAL CONTAINING SOLUBLE SILICATES.

Applicant: SOCIETE DES MINES ET FONDERIES DE ZINC DE LA VIEILLE MONTAGNE, OF B. 4900 ANGLEUR, BELGIUM.*Inventor*: FERNAND JACQUES JOSEPH BODSON.

Application No. 1657/Cal/74 filed July 25, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims. No drawings.

A process for the treatment of a zinciferous material containing soluble silicates, such as oxidized zinc ores siliceous slags by dilute aqueous solution of sulphuric acid at a temperature below its boiling point under atmospheric pressure, in which the acid is progressively added to the zinc-containing material over a period of at least three hours, in such a quantity that the final acidity of the solution will be 1.5 to 15 g/l, while carefully maintaining the temperature as 70 to 90°C, thus inducing the lixiviation of the material and simultaneously the reprecipitation of silica in a crystalline form which can readily be eliminated by filtration.

CLASS 55E, 189 & 60X, I.C.-A61K 15/02. 140593. A61b 23/00, 9/06.

PROCESS FOR PREPARING STABILIZED TRETINOIN CREAM EMULSION FOR TOPICAL APPLICATION.

Applicant: JOHNSON & JOHNSON, AT 501 GEORGE STREET, NEW BRUNSWICK, NEW JERSEY, UNITED STATES OF AMERICA.*Inventors*: LANNY PELTY.

Application No. 2137/Cal/74 filed September 25, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims. No drawings.

Process for preparing stabilized tretinoind cream emulsion for topical application comprising admixing from about 0.005 to about 0.5% by weight of tretinoind, from about 0.1 to about 1.0% by weight of xanthan gum, from about 1.0 to about 10.0% by weight of an emulsifier, from about 15.0 to about 50.0% by weight of a hydrophobic material selected from the group consisting of the liquid and solid fatty acids having from about 12 to about 20 carbon atoms, fatty alcohols having from about 12 to about 20 carbon atoms, and fatty acid esters wherein the fatty acid moiety has from about 12 to about 20 carbon atoms, from about 0.05 to about 1.0% by weight of a preservative, from about 0.01 to about 1.0% by weight on an antioxidant, and water.

CLASS 32F, F2a, F2b & 60X, I.C.-C07C 140594.

127/14, 127/16, 127/18, 127/20.

PROCESS FOR THE MANUFACTURE OF UREAS.

Applicant: ATLANTIC RICHFIELD COMPANY, OF ARCO PLAZA, 515 S. FLOWER STREET, LOS ANGELES, STATE OF CALIFORNIA, UNITED STATES OF AMERICA.*Inventors*: JOHN GEORGE ZAJACEK (2) JOHN JOSEPH MCCOY AND KARL EML FUGER.

Application No. 2378/Cal/74 filed October 31, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims. No drawings.

A method for the production of ureas which comprises reacting at elevated temperatures and pressures in a basic solution in the presence of a catalyst a nitrogenous organic compound selected from the group consisting of organic nitro, nitroso, azo and azoxy compounds containing up to 24 carbon atoms, with carbon monoxide and a further reactant characterized in that said reaction is carried out in the presence of an active amount of a catalyst, preferably in a molar ratio of from 1 : 5 to 1 : 1000 based on said nitrogenous organic compound, said catalyst being selected from the group consisting of selenium compounds containing selenium and mixtures thereof and that said further reactant is water or a primary amine or in a secondary amine, the use of the last of which in the production of ureas is known *per se*.

CLASS 39B & 70C. I.C.-C01d 1/06.

140595

AN IMPROVED PROCESS FOR THE ELECTROLYSIS OF AQUEOUS ALKALI METAL HALIDE SOLUTIONS.

Applicant : DIAMOND SHAMROCK CORPORATION, OF 1100 SUPERIOR AVENUE, CLEVELAND, OHIO, UNITED STATES OF AMERICA.

Inventors : ALAN JOHN STACEY AND WAYNE PAUL ZEMAN.

Application No. 124/Cal/75 filed January 21, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims. No drawings

In a process for the electrolysis of aqueous alkali metal halide solutions in an electrolytic cell having an anode and cathode separated by an electrolytically conductive, hydraulically impervious, cation permselective membrane, the improvement which comprises conducting the electrolysis with said membrane positioned nearer to the anode than to the cathode.

CLASS 12C. I.C.-C21d 1/62.

140596

WHEEL QUENCHING.

Applicant : AMSTED INDUSTRIES INCORPORATED, 3700 PRUDENTIAL PLAZA, CHICAGO, ILLINOIS 60601, UNITED STATES OF AMERICA.

Inventors : LOUIS SANDOR, DONALD RAY WILES, ROGER HERBERT ROSEN AND JOHN DANIEL POPOVICH.

Application No. 795/Cal/75 filed April 19, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A method of cooling a railway car wheel (12) comprising the steps of : positioning the heated wheel with its axis extending vertically, in a spraying station; moving a circular spray ring (38) to a position concentric with the wheel and horizontally aligned with the wheel rim; forcing water through said spray ring and against said rim to quench the rim, while simultaneously rotating said spray ring so as to distribute the sprayed water uniformly over all portions of the wheel rim; and continuing such rotation until the wheel has been cooled to the desired temperature.

CLASS 5E. I.C.-A01C 7/02.

140597

A MANUAL SEEDER FOR CEREALS AND SIMILAR.

Applicant & Inventor : ROMANO ROVERE, OF PIAZZA CONCORDIA 19, 33010 MAGNANO IN RIVIERA, UDINE, ITALY.

Application No. 1019/Cal/75 filed May 20, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

A manual seeder characterised in that it is made in the form of a stick and exhibits the dimensions thereof, this stick being essentially constituted by two main parts sliding one inside the other; the external part is fixed to a seed container in the form of a funnel whereas the internal part slides inside the external part which carries a handle which is connected to an internal rod, the pointed end of which drives the grain or seed into the ground after the latter has dropped from the said container into the internal chamber of the device in order to effect sowings; sowings are effected by raising and lowering the manual seeder like a stick, the end of which penetrates into the ground and which is wielded in the manner of a stick used when walking.

CLASS 194B. I.C.-B01J 17/40.

140598.

METHOD OF MAKING A SEMICONDUCTOR DEVICE.

Applicant : RCA CORPORATION, OF 30 ROCKEFELLER PLAZA, NEW YORK, NEW YORK, 10020, UNITED STATES OF AMERICA.

Inventors : ALBERT WAYNE FISHER AND GEORGE LUTHER SCHNABLE.

Application No. 1243/Cal/75 filed June 24, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims. No drawings

A method of making a semiconductor device comprising silicon, wherein said silicon is to be heated to a high temperature in excess of 800°C for a period of time, and wherein the quality of said device depends upon the substantial absence of crystallographic slip and/or edge dislocations from the silicon, characterized by (1) raising the temperature of said device gradually from about 800°C to said high temperature at a rate of less than 200°C/minute, (b) leaving said device at said high temperature for said period of time, and (C) lowering the temperature of said device gradually from said high temperature to about 800°C at a rate of less than 200°C/minute.

CLASS 32F,b & 60X,d. I.C.-C07d 29/02, 29/12. 140599

PROCESS FOR PREPARING NOVEL PIPERIDINE DERIVATIVES.

Applicant : JOHN WYETH & BROTHER LIMITED, OF HUNTERCOMBE LANE SOUTH, TAPLOW, MAIDENHEAD, BERKSHIRE, ENGLAND.

Inventors : JOHN LEHEUP ARCHIBALD AND JOHN LAMBERT JACKSON.

Application No. 1449/Cal/75 filed July 25, 1975.

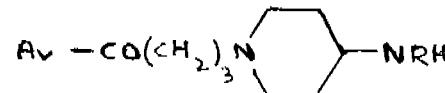
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

18 Claims

A process for preparing a compound having the formula (I).



or an acid addition or quaternary ammonium salt thereof, wherein R represents hydrogen or lower alkyl, R' represents hydrogen, lower alkyl, cycloalkyl of 5 to 7 carbon atoms, substituted or unsubstituted aryl lower alkyl, substituted or unsubstituted aryl (including heterocyclic aryl), or substituted or unsubstituted aroyl, Ar represents a substituted or unsubstituted phenyl radical and X represents oxygen or sulphur, which comprises reacting a compound of formula (II).



(wherein R and Ar are as defined in connection with formula I) with a compound of formula III.

R'NCX

wherein R' is as defined in connection with formula I except hydrogen and X oxygen or sulphur and, if desired, in the aforementioned process (i) hydrolysing a compound of formula I wherein R' is aroyl in a manner known per se, to give a corresponding compound of formula I wherein R' is aroyl in a manner known per se, to give a corresponding compound of formula I wherein R' is hydrogen, and (ii) hydrolysing or dealkylating a compound of formula I wherein the radical Ar contains one or more lower alkoxy or aryl lower alkoxy substituents in a manner known per se to give the corresponding compound containing one or more hydroxyl groups and further if desired converting the compound of formula I obtained to an acid addition or quaternary ammonium salt thereof in a manner known per se.

CLASS 69B & 187C₃. I.C.-H01t 3/00. 140600

DECOUPLING DEVICE FOR INSERTION IN THE CONTROL CIRCUIT OF AN INDUCTIVE LOAD.

Applicant: INTERNATIONAL STANDARD ELECTRIC CORPORATION, OF 320 PARK AVENUE, NEW YORK 22, STATE OF NEW YORK, UNITED STATES OF AMERICA.

Inventors: PIERRE CHARRANSOL, SERGE ROBERT FONTANA AND CLAUDE ATHENES.

Application No. 2567/Cal/73 filed November 21, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A decoupling device for insertion in the control circuit of an inductive load including a diode and a spark-gap arranged in parallel, the arcing voltage of the spark-gap being lower than the inverse breakdown voltage of the diode, so that the spark-gap protects the diode against overvoltages.

OPPOSITION PROCEEDINGS

An opposition has been entered by Sharpedge Limited to the grant of a patent on application No. 139046 made by Harbans Lal Malhotra & Sons Private Limited.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy:—

(1)

80509 101137 110339 111967 117427 118952 128011 128757
129041 133042 138194 138196 138197 138198 138204 138205
138206 138207 138208 138209 138218 138226.

(2)

138229 138230 138231 138234 138235 138238 138239 138240
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138251 138252 138253 138254 138255 138256 138257 138259
138260 138261 138263 138264 138265 138269.

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138352 138354 138357 138358 138359 138360 138361 138362
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138349 138350 138353 138355 138356 138363 138367 138372
138373 138374 138376 138380 138383 138389 138394 138399

PATENTS SEALED

123678 138067 138209 138283 138306 138382 138394 138397
138482 138500 138501 138513 138520 138555 138572 138573
138576 138601 138626 138628 138629 138630 138631 138655
138656 138658 138670 138683 138687 138692 138693 138694
138695 138698 138699 138701 138702 138718 138719 138721
138723 138726 138727 138728 138733 138736 138737 138747
138748 138749 138750 138758 138777 138783 138920 139170

CORRECTION OF CLERICAL ERRORS

UNDER SECTION-78

(1)

The title of the application and specification and certain clerical errors in the description of the specification of the application for Patent No. 138067 the acceptance of the

complete specification of which was notified in part III, Section 2 of the Gazette of India dated the 22nd November 1975 have been corrected under sub-section (3) of the Section-78 of the Patents Act, 1970.

(2)

The title of the application and specification of the application and the opening paragraph of the specification in respect of application for Patent No. 138209 the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India dated the 3rd January 1976 have been corrected under sub-section (3) of the Section 78 of the Patents Act, 1970

(3)

The title of the application and specification of the application for Patent No. 138306 the acceptance of the complete specification of which was notified in Part III, Section 2 of the Gazette of India, dated the 17th January 1976 has been corrected under sub-section (3) of the Section 78 of the Patents Act, 1970.

(4)

The title of the application and specification of the application for Patent No. 138397 have been corrected under sub-section (3) of Section 78 of the Patents Act, 1970.

AMENDMENT PROCEEDINGS

UNDER SECTION 57

(1)

Notice is hereby given that Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning, of 45, Brunnenstrasse, Frankfurt/Main, Federal Republic of Germany, Chemical Manufacturers, a Corporation organised under the laws of the Federal Republic of Germany, have made an application under Section 57 of the Patents Act, 1970, for amendment of application and specification of their application for Patent No. 78449 for "Process for preparing aromatic diisothiocyanates". The amendments are by way of change of name of the applicants. The application for amendment and the proposed amendments can be inspected free of charge at Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017, on any working day during usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

(2)

Notice is hereby given that Hepworth & Grandage Limited, a British Company, of St. John's Works, Bradford 4, Yorkshire, England have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for Patent No. 135743 for "Light metal pistons for internal combustion engines or compressors". The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214 Acharya Jagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patent is deemed to have been endorsed with the words "Licences of right" under Section 87 of the

Patents Act, 1970. The date shown in the crescent brackets is the date of the patent.

No.	Title of the invention
114356 (20-4-72)	Process for producing α -6-deoxytetracyclines.

RENEWAL FEES PAID

75610 79212 79327 79566 79655 79817 85009 85040 85754
 86473 86870 90717 90959 91059 91077 91253 91259 91260
 91261 91278 91348 91481 91701 93726 95166 95973 96392
 96425 96462 96605 96606 96644 96709 96732 96735 96806
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CESSATION OF PATENTS

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RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application for restoration of Patent No. 112675 dated the 7th October, 1967 made by Council of Scientific and Industrial Research on the 21st

April, 1976 and notified in the Gazette of India, Part III, Section 2 dated the 5th June, 1976 has been allowed and the said patent restored.

(2)

Notice is hereby given that an application for restoration of Patent No. 132141 dated the 16th July, 1971 made by Philip Morris Incorporated on the 21st May, 1976 and notified in the Gazette of India, Part III, Section 2 dated the 17th July, 1976 has been allowed and the said patent restored.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of designs included in the entry.

Class 1. No. 143599. Ramesh Industries, 775, General Head Quarter, Ulhasnagar-3, District Thana, Maharashtra State, an Indian Proprietary Firm. "Burner". November 24, 1975.

Class 1. Nos. 143996 to 143999. Sundeep Industries, an Indian Proprietary Firm, at 5A, Shashideep, Worli Sea Face, Bombay-400 018, Maharashtra, India. "Taps". February 26, 1976.

Class 1. Nos. 144051 & 144052. Choksi Brothers, Opp. Golwad, at Sidhpur (N. Gujarat) an Indian proprietary concern. "Stand for weighing balance". March 5, 1976.

Class 1. No. 144135. Pulling & Lifting Machines Private Limited, 12, Sri Ram Road, Civil Lines Delhi (India) (A Company Incorporated under the Indian Companies Act). "A sheet metal housing for traction machine". April 3, 1976.

Class 1. No. 144143. Sondhya Chakravorty, India, 107, Ram Krishna Avenue, P.O. Durgapur-4, Dist. Burdwan, W.B. India. "Domestic coke-oven". April 7, 1976.

Class 1. No. 144155. Govindbhai Gordhanbhai Patel, of Nigo's Niketan, Patel Compound, 48-B, Lamington Road, (North), Bombay-8, State of Maharashtra, India, an Indian. "A burner". April 9, 1976.

Class 1. 144213. Larsen & Toubro Limited, of L & T House, Ballard Estate, Bombay-400001, Maharashtra, India, an Indian Company. "A direct-on-line starter with isolator and rewirable fuse unit". May 1, 1976.

Class 1. Nos. 144225 & 144226. The Standard Batteries Limited, Oldham Division, 21/22, Alandur Road, Madras-600 032, Tamil Nadu, India, an Indian Company duly organised and existing under the Indian Companies Act. "Signalling lamps". May 4, 1976.

Class 1. No. 144243. Gupta Industries, an Indian Proprietary Concern, D-38/112, Hauz Katora, Varanasi-221001, Uttar Pradesh, India. "Telephone stand". May 10, 1976.

Class 1. No. 144244. U.P. National Manufacturers Private Limited, an Indian Company, Ram Katora Road, Varanasi-221001, Uttar Pradesh, India. "Water pump". May 10, 1976.

Class 1. Nos. 144284 to 144286 & 144288. Geep Flashlight Industries Limited, of 28, South Road, Allahabad-1, U.P., India, an Indian Company. "A torch". May 15, 1976.

Class 1. Nos. 144318 to 144322. Geep Flashlight Industries Limited, of 28, South Road, Allahabad-1, U.P., India, an Indian Company. "A torch". May 25, 1976.

Class 3. No. 143995. Tirmizi & Co., an Indian Partnership firm, at 2nd Floor, Dubash Market, 369, Sheikh Memon Street, Bombay-400002, Maharashtra, India. "Toy". February 26, 1976.

Class 3. No. 144214. Larsen & Toubro Limited, of L & T House, Ballard Estate, Bombay-400001, Maharashtra, India, an Indian Company. "A direct-on-line starter with isolator and rewirable fuse unit". May 1, 1976.

Class 3. No. 144235. Hindustan Plastics, a Firm registered under the Indian Partnership Act, of 23, Barranashi Ghose Street, Calcutta-7, West Bengal, India. "A tiffin carrier with water compartment". May 5, 1976.

Class 3. No. 144236. Sethia Industries, 228, Bombay Talkies Compound, Malad (West) Bombay-400064, Maharashtra State, India, an Indian Partnership Firm. "Brush". May 7, 1976.

Class 3. No. 144242. Aurobrite (India) Private Ltd., of 408, Himalaya House, Palton Road, Bombay-1, Maharashtra State, India, an Indian Company. "A bead". May 10, 1976.

Class 3. No. 144248. Funecraft Industries, 99, Mohamedali Road, Bombay-400003, Maharashtra State, Indian Partnership firm, "Penstand-with ball pen". May 11, 1976.

Class 3. No. 144249. Kanupriya Paul, an Indian National, 24, Shushila Sadan, Manchobhai Road, Malad (East), Bombay-400062, Maharashtra State, India. "Ash-tray". May 11, 1976.

Class 3. No. 144260. Mail Order Sales Private Limited, an Indian Company, of 10th Floor, 15, Mathew Road, Bombay-400 004, Maharashtra, India. "A lock for telephone". May 14, 1976.

Class 3. No. 144304. Suru Enterprise, C-3, Sona Udyog P. P. Road Andheri (East), Bombay-400069, Maharashtra State, an Indian Proprietary firm. "Scalp vein set". May 21, 1976.

Class 3. No. 144305. Suru Enterprise, C-3, Sona Udyog, P. P. Road, Andheri (East), Bombay-400069, Maharashtra, an Indian Proprietary Firm. "Blood collection set". May 21, 1976.

Class 3. No. 144306. Suru Enterprise, C-3, Sona Udyog, P. P. Road, Andheri (East), Bombay-400069, Maharashtra State, an Indian Proprietary firm. "Infusion set". May 21, 1976.

Class 3. No. 144307. Suru Enterprise, C-3, Sona Udyog, P. P. Road, Andheri (East), Bombay-400069, Maharashtra State, an Indian Proprietary firm. "Blood administration set". May 21, 1976.

Class 3. No. 144317. Vashu Lilaram Hotwani, of 'Auroville' Flat No. 30, 8th Floor, St. Andruz Road, Opp. Jain Mandir, Santacruz West, Bombay-400054, State of Maharashtra, India, an Indian. "Electric gas lighter". May 24, 1976.

Class 3. No. 144335. Arvind Plastic Industries, 17, Gankotri Industrial Estate, Ramchandra Lane, Malad (West), Bombay-400064, Maharashtra State, India, an Indian Partnership Firm. "Jug" May 29, 1976.

Class 3. No. 144351. Chakori Art Industries, Niveta Road, Malad (East), Bombay-400064, Maharashtra, an Indian Partnership Firm. "Socket with holder". June 3, 1976.

Class 3. No. 144394. Rajendra Kakubhai Saraiya, an Indian, of 159-3, Cavel Cross Lane-6, Bombay-400002, Maharashtra, India. "Lamp". June 14, 1976.

Class 3. No. 144398. Das Optical Industries, an Indian Proprietary firm, of Vishwakarma Industrial Estate, Moti Udyog Nagar, Plot No. 3, Off Ramchandra Lane Malad (West), Bombay-400064, Maharashtra, India. "Folding magnifying glass". June 14, 1976.

Class 4. No. 144182. Kalyan Kumar Banerjee, of 10/4, Central Park, P.O. Jadavpur, Calcutta-32, State of West Bengal, India, an Indian. "A precast concrete lintel cum sun-shade". April 21, 1976.

Class 10. No. 144189. Supreme Plastico (P), Ltd., of 6/13, Industrial Area, Kirti Nagar, New Delhi-110015, an Indian Company. "Shoes". April 23, 1976.

Class 10. No. 144376. Avon Footwear Industries Private Limited, 22, Paras, Little Gibbs Road, Malabar Hill, Bombay-400006, Maharashtra, India, a private limited company incorporated under the Indian Companies Act. "Footwear". June 14, 1976.

Class 10. No. 144391. Bally Shoe Company (Private) Limited, (a private limited company), A-111, Industrial Estate, Rajajinagar, Bangalore-560044, Karnataka State, South India Subjects of the Indian Republic. "Foot-wear". June 14, 1976.

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Design No. 139003 Class 4.

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Design No. 129984 Class 3

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